

Converting Colors

$Yxy(72.9655, 0.2898, 0.3451)$

Have a look what the booklet for
Yxy(72.9655, 0.2898, 0.3451)
contains.

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Color

Yxy(72.9655, 0.2898, 0.3451)

Conversions

Conversions Part 1

Format	Color
Hex	B8E8DA
RGB	184, 232, 218
RGB Percent	72%, 91%, 85%
CMY	0.2786, 0.0901, 0.1450
CMYK	0.21, 0.00, 0.06, 0.09
HSL	163°, 51%, 82%
HSV	163°, 21%, 91%
XYZ	61.2733, 72.9655, 77.1942
YIQ	216.0520, -24.1140, -14.5300

Conversions

Conversions Part 2

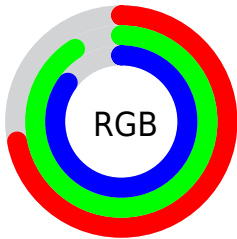
Format	Color
RYB	184, 212, 232
Decimal	12118234
CIELab	88.43, -18.20, 1.72
CIElCh	88, 18.285, 174.608
Yxy	72.9655, 0.2898, 0.3451
Android (android.graphics.Color)	4290308314 (0xFFB8E8DA)
YUV	216.0520, 0.9604, -28.1096
Hunter-Lab	85.4198, -21.4433, 6.2133

Details

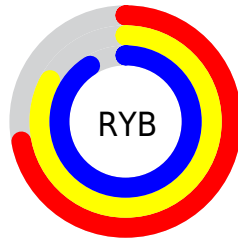
The Yxy color **72.9655, 0.2898, 0.3451** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **55.4987, 0.3424, 0.3135**, and the grayscale version is **68.7099, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **38.4408, 0.2844, 0.3488** is the 20% darker color. If you saturate the color by 10%, you get **69.9884, 0.2797, 0.3540**, and if you desaturate by 10%, it is **76.4329, 0.3006, 0.3369**.

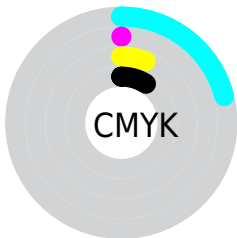
Distribution



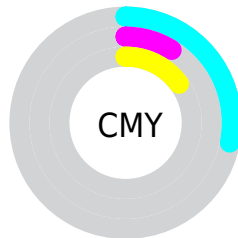
- Red (72%)
- Green (91%)
- Blue (85%)



- Red (72%)
- Yellow (83%)
- Blue (91%)



- Cyan (21%)
- Magenta (0%)
- Yellow (6%)
- Black (9%)





- Cyan (28%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.9655, 0.2898, 0.3451 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 72.9655, 0.2898, 0.3451 by changing the saturation by 10% instead.


 72.9655, 0.2898,
0.3451

 72.9655, 0.2898,
0.3451


470.8952, 0.3004,
0.3376

 53.9478, 0.2874,
0.3468


 123.4282, 0.2935,
0.3425

 38.5599, 0.2844,
0.3490


155.6420, 0.2949,
0.3415

 26.4175, 0.2805,
0.3517


193.0232, 0.2962,
0.3406

 17.1363, 0.2755,
0.3553

235.9563, 0.2972,
0.3398

 10.3317, 0.2687,
0.3602

284.8257, 0.2982,
0.3392

 5.6194, 0.2588,
0.3674


340.0157, 0.2990,

 2.6151, 0.2432,


0.3386


0.3790


401.9107, 0.2998,
0.3381


 0.9343, 0.1948,
0.4110


 0.0000, 0.0000,
0.0000


 72.9655, 0.2898,
0.3451


 72.9655, 0.2898,
0.3451


 69.9884, 0.2797,
0.3540


 76.4329, 0.3006,
0.3369

 67.4695, 0.2707,
0.3637


 80.4031, 0.3119,
0.3295


 65.3868, 0.2631,
0.3739

 84.8992, 0.3234,
0.3229


 63.7130, 0.2571,
0.3846


 85.5754, 0.3201,
0.3163


 62.4175, 0.2530,
0.3957

 85.9959, 0.3158,
0.3098

 61.4654, 0.2509,
0.4068

 86.1999, 0.3138,
0.3068

 60.8148, 0.2509,
0.4179

 60.4159, 0.2523,
0.4281

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.9655, 0.3105, 0.3614



72.9655, 0.2898, 0.3451



72.9655, 0.2755, 0.3245

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.9655, 0.2898, 0.3451



72.9655, 0.2924, 0.2925



72.9655, 0.3564, 0.3497

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



72.9655, 0.2898, 0.3451



55.4987, 0.3424, 0.3135

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.9655, 0.3513, 0.3315



72.9655, 0.2898, 0.3451



72.9655, 0.3137, 0.2994

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.9655, 0.2898, 0.3451



72.9655, 0.2769, 0.2947



72.9655, 0.3355, 0.3134



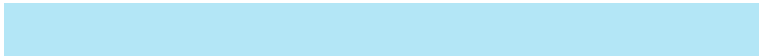
72.9655, 0.3493, 0.3633

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.9655, 0.2898, 0.3451



72.9655, 0.2712, 0.3116



72.9655, 0.3355, 0.3134



72.9655, 0.3561, 0.3439

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



72.9685, 0.2898, 0.3451



96.9291, 0.3059, 0.3333



73.2362, 0.3199, 0.3847



20.6783, 0.3051, 0.3338



0.0000, 0.0000, 0.0000



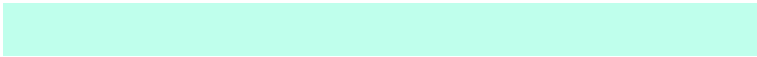
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.9685, 0.2898, 0.3451



88.7100, 0.2852, 0.3490



68.4691, 0.2811, 0.3179



16.2611, 0.3020, 0.3359



33.5596, 0.2518, 0.4263



2.4959, 0.2473, 0.4103

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



55.4987, 0.3424, 0.3135



63.2749, 0.3505, 0.3100



59.0106, 0.3520, 0.3399



14.4367, 0.3247, 0.3222



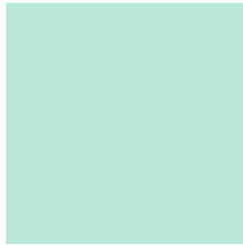
9.7721, 0.5787, 0.2962



0.7379, 0.5370, 0.2732

Previews

White Background



This preview shows how the Yxy color 72.9655, 0.2898, 0.3451 looks on a white background.

Color Contrast Check

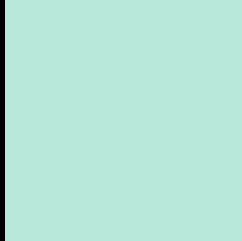
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 72.9655, 0.2898, 0.3451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

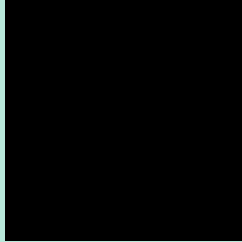
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

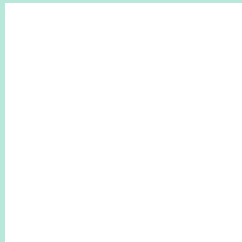
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.9655, 0.2898, 0.3451

Background



This preview shows how black text looks on a background with the Yxy color 72.9655, 0.2898, 0.3451.

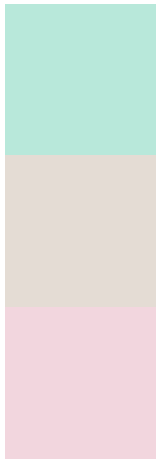


This preview shows how white text looks on a background with the Yxy color 72.9655, 0.2898, 0.3451.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

72.9655, 0.2898, 0.3451

Protanopia

72.4338, 0.3239, 0.3377

Deuteranopia

72.2443, 0.3279, 0.3207



Tritanopia

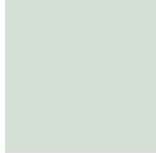
72.9594, 0.2768, 0.3090

Trichromacy



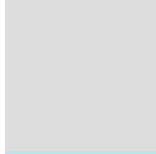
Original Color

72.9655, 0.2898, 0.3451



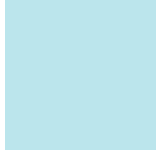
Protanomaly

72.1634, 0.3108, 0.3401



Deuteranomaly

72.3055, 0.3127, 0.3290



Tritanomaly

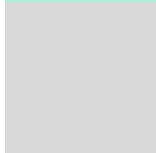
72.6595, 0.2812, 0.3210

Monochromacy



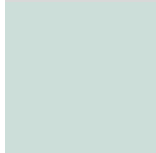
Original Color

72.9655, 0.2898, 0.3451



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

70.0897, 0.3034, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9655, 0.2898, 0.3451 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(184, 232, 218)` looks like.

```
.text, #text, p{  
    color:rgb(184, 232, 218)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(184, 232, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 232, 218) }
```

Border

The CSS property to change the border of an element to Yxy 72.9655, 0.2898, 0.3451 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 232, 218) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(184, 232, 218) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(184, 232, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 232, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 232, 218);  
box-shadow:4px 4px 4px 4px rgb(184, 232,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 72.9655, 0.2898, 0.3451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 232, 218) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(184,  
232, 218) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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